

# ABSTRACT

A method for manufacturing a resin optical component in which a light-shielding may easily be formed is provided. A laser beam is focused on a given position in the resin having a high light transmittance to concentrate the energy to the focal point, resulting in a small dot-like discolor by carbonization of resin. A component of small dot-like discolored portions are formed in the resin to provide a light-shielding wall having a high light absorptance in the interior of the resin having a high light transmittance. The light-shielding wall may remove the stray light which is the light that is obliquely incident on a lens, passes through the lens array plate in a thickness direction thereof, and outgoes from the neighbored lenses.